

## JORDAN RIVER BASIN

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## 10146400 Currant Creek Near Mona, UT

LOCATION.--Lat 39°48'09", long 111°51'44", in NE<sup>1/4</sup>SW<sup>1/4</sup>NW<sup>1/4</sup>, sec. 6, T. 12 S., R. 1 E., Juab County, Hydrologic Unit 16020201, on left bank 40 ft upstream from bridge crossing, 800 ft downstream from Burriston ponds, 0.5 mi upstream from Mona Reservoir, 1 mi southwest of Mona.

DRAINAGE AREA.--225 mi<sup>2</sup>.

PERIOD OF RECORD.--June 1978 to current year.

REVISED RECORDS.--WDR UT-84-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,890 ft above NGVD of 1929, from topographic map. Prior to June 10, 1985, at same site, different datum. Prior to October 1, 1992, at same site, different datum.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 595 ft<sup>3</sup>/s, May 14, 1984, gage height, 6.30 ft; maximum gage height, 6.77 ft, May 31, 1983, site and datum then in use; minimum, 0.87 ft<sup>3</sup>/s, Sep 2, 3, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 35 ft<sup>3</sup>/s, Mar. 19, gage height, 4.97 ft; minimum discharge, 2.7 ft<sup>3</sup>/s, Aug. 14, 15.

DISCHARGE, CUBIC FEET PER SECOND  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.1	4.4	5.1	5.9	7.8	11	10	8.7	6.1	3.8	3.1	2.9
2	4.6	4.5	5.2	6.0	7.9	11	9.1	8.7	6.2	3.6	3.1	3.0
3	5.0	4.4	5.2	6.3	8.8	11	9.1	8.9	5.5	3.6	3.1	3.0
4	4.7	4.3	5.1	6.8	8.8	12	9.6	9.7	4.8	3.5	2.9	2.9
5	4.2	4.3	5.1	6.7	7.9	12	11	9.8	3.1	3.5	2.9	2.9
6	4.0	4.3	5.2	7.0	7.2	11	11	9.5	5.7	3.5	3.0	2.9
7	3.9	4.3	5.2	6.8	6.7	10	11	9.3	7.4	3.5	3.0	3.0
8	3.9	4.6	5.2	6.3	6.3	9.3	10	17	5.7	3.4	3.0	3.1
9	3.9	5.7	5.2	6.3	6.5	8.9	9.9	18	5.2	3.4	3.9	3.1
10	3.9	5.3	5.3	7.3	6.6	8.8	9.5	16	5.2	3.4	4.0	e3.3
11	4.0	5.2	5.3	7.8	7.1	8.7	9.1	14	5.3	3.3	3.2	e3.4
12	3.8	5.2	5.4	7.7	7.9	8.7	8.8	11	5.1	3.3	3.0	3.4
13	3.6	5.1	5.4	7.5	11	8.7	8.5	9.4	5.0	3.2	2.9	3.4
14	4.2	4.8	5.4	7.6	15	8.7	8.3	8.6	4.7	3.0	2.8	3.4
15	4.6	4.6	5.4	7.7	14	8.8	8.9	8.1	4.5	3.2	2.8	3.4
16	4.4	4.7	5.5	7.1	11	10	9.7	8.1	4.2	3.2	3.0	3.5
17	4.4	4.8	6.8	7.1	9.7	19	9.4	8.1	3.5	3.2	3.0	3.5
18	4.4	4.7	6.4	6.9	8.8	31	10	8.3	3.9	3.1	2.9	3.5
19	4.4	4.6	5.6	6.8	8.3	32	11	8.2	4.2	3.1	2.9	3.6
20	4.3	4.6	5.3	7.1	8.3	25	10	8.9	4.1	3.1	2.9	3.6
21	4.3	4.6	5.4	7.6	8.1	16	9.1	7.8	4.1	3.1	2.9	3.7
22	4.3	4.6	5.4	7.5	8.0	13	9.6	7.3	4.0	3.0	2.9	3.7
23	4.4	4.9	5.4	7.5	7.9	12	13	6.9	3.9	3.1	3.0	3.7
24	4.4	5.1	5.3	7.8	7.8	14	12	7.1	4.3	3.0	2.9	3.7
25	4.2	5.0	5.2	7.7	8.6	14	10	7.0	4.3	3.0	2.9	3.7
26	4.2	4.9	5.2	7.6	9.9	12	8.8	6.5	4.0	3.1	2.9	3.8
27	4.4	4.9	5.2	7.9	9.7	13	8.4	5.6	3.7	3.0	2.9	3.8
28	4.4	4.9	5.3	8.4	9.9	12	8.4	6.8	3.4	2.9	2.9	3.9
29	4.4	5.0	5.6	8.4	---	12	8.3	6.3	5.0	2.9	2.9	3.9
30	4.4	4.9	5.6	8.2	---	11	8.3	5.9	4.8	2.9	3.0	4.0
31	4.4	---	5.8	7.9	---	11	---	5.7	---	3.0	3.0	---
TOTAL	132.1	143.2	167.7	225.2	245.5	405.6	289.8	281.2	140.9	99.9	93.6	102.7
MEAN	4.26	4.77	5.41	7.26	8.77	13.1	9.66	9.07	4.70	3.22	3.02	3.42
MAX	5.0	5.7	6.8	8.4	15	32	13	18	7.4	3.8	4.0	4.0
MIN	3.6	4.3	5.1	5.9	6.3	8.7	8.3	5.6	3.1	2.9	2.8	2.9
AC-FT	262	284	333	447	487	805	575	558	279	198	186	204

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 2003, BY WATER YEAR (WY)

MEAN	18.9	24.5	26.1	30.0	39.2	47.3	46.0	48.2	30.4	12.4	10.9	12.6
MAX	71.7	75.4	85.4	65.5	104	172	191	319	245	50.4	41.5	41.5
(WY)	(1985)	(1984)	(1984)	(1986)	(1986)	(1985)	(1985)	(1984)	(1983)	(1983)	(1984)	(1984)
MIN	4.26	4.77	5.41	7.26	8.77	13.1	9.25	6.16	3.93	3.19	2.65	2.66
(WY)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(1992)	(1992)	(2002)	(2002)	(2002)	(2002)

## GREEN RIVER BASIN

10146400 Currant Creek Near Mona, UT—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR	FOR 2003 WATER YEAR	WATER YEARS 1979 - 2003
ANNUAL TOTAL	2,463.6	2,327.4	28.8
ANNUAL MEAN	6.75	6.38	101
HIGHEST ANNUAL MEAN			6.38
LOWEST ANNUAL MEAN			1984
HIGHEST DAILY MEAN	23	Mar 7	May 14, 1984
LOWEST DAILY MEAN	1.0	Sep 3	Sep 3, 2002
ANNUAL SEVEN-DAY MINIMUM	1.7	Aug 30	Aug 30, 2002
ANNUAL RUNOFF (AC-FT)	4,890	4,620	20,870
10 PERCENT EXCEEDS	14	10	62
50 PERCENT EXCEEDS	5.2	5.2	15
90 PERCENT EXCEEDS	2.7	3.0	6.0

e Estimated

